

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,450,983 B2  
APPLICATION NO. : 10/803700  
DATED : November 11, 2008  
INVENTOR(S) : Kenneth L. Weiss

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the paragraph beginning on line 42 of column 2, the following changes should be made:

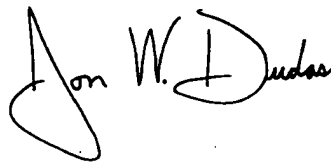
FIGS. 5A-5C are an illustration of computer automated three-step functionality. FIG. 5A is an image of APE to determine the positions of the scalp and CC by examining intensities along the central column of pixels from a midline sagittal T2-weighted image. FIG. 5B is an image of automated contours and a bisecting line on a 2-second axial oblique T1-weighted gradient-recalled echo image. FIG. 5C is an image of an outline of the CC, triangle search mask, and Talairach AC-PC reference line on a midline sagittal T2-weighted image.

In the paragraph beginning on line 65 of column 13, the following changes should be made:

To compare the performance of our new protocol (HP +12) against our former protocol (OML\*) and an alternate hypothetical fixed-gantry protocol (AX+15) optimized to approximate the Talairach AC-PC line, we reviewed a total of 200 head CT examinations. These included 50 consecutive patients with two head CT studies taken by using the OML\* protocol and 50 consecutive patients with two head CT studies taken with the HP+ 12 protocol. The CT scan population consisted of 56 male and 44 female subjects. Patient age was only available for 57 of the patients and ranged from 16 to 93 years, with a mean of 49.8 years ( $\pm 17.6$ ).

Signed and Sealed this

Thirteenth Day of January, 2009

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D" at the end.

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*